

***** STN Columbus *****

FILE 'HOME' ENTERED AT 13:36:20 ON 18 MAY 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION
0.21

FULL ESTIMATED COST

0.21

FILE 'REGISTRY' ENTERED AT 13:36:28 ON 18 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 17 MAY 2004 HIGHEST RN 682740-60-9
DICTIONARY FILE UPDATES: 17 MAY 2004 HIGHEST RN 682740-60-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

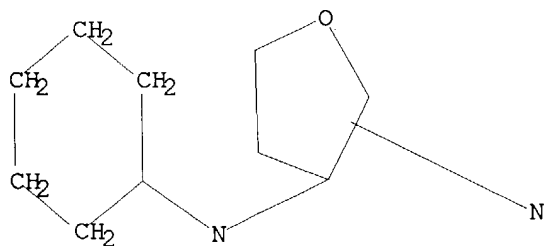
Uploading C:\STNEXP4\841.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:36:44 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 396 TO ITERATE

100.0% PROCESSED 396 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 6727 TO 9113
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 ful

FULL SEARCH INITIATED 13:36:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8018 TO ITERATE

100.0% PROCESSED 8018 ITERATIONS
SEARCH TIME: 00.00.01

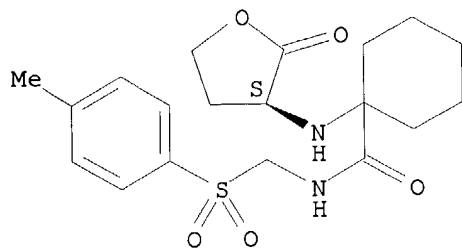
5 ANSWERS

L3 5 SEA SSS FUL L1

=> d 13 1-5

L3 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214343-05-2 REGISTRY
CN Cyclohexanecarboxamide, N-[[(4-methylphenyl)sulfonyl]methyl]-1-[[(3S)-
tetrahydro-2-oxo-3-furanyl]amino]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H26 N2 O5 S
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

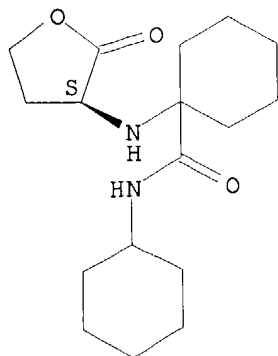


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214342-99-1 REGISTRY
CN Cyclohexanecarboxamide, N-cyclohexyl-1-[[(3S)-tetrahydro-2-oxo-3-
furanyl]amino]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H28 N2 O3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

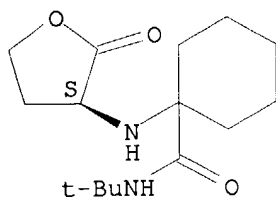


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214342-91-3 REGISTRY
CN Cyclohexanecarboxamide, N-(1,1-dimethylethyl)-1-[[(3S)-tetrahydro-2-oxo-3-furanyl]amino]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H26 N2 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

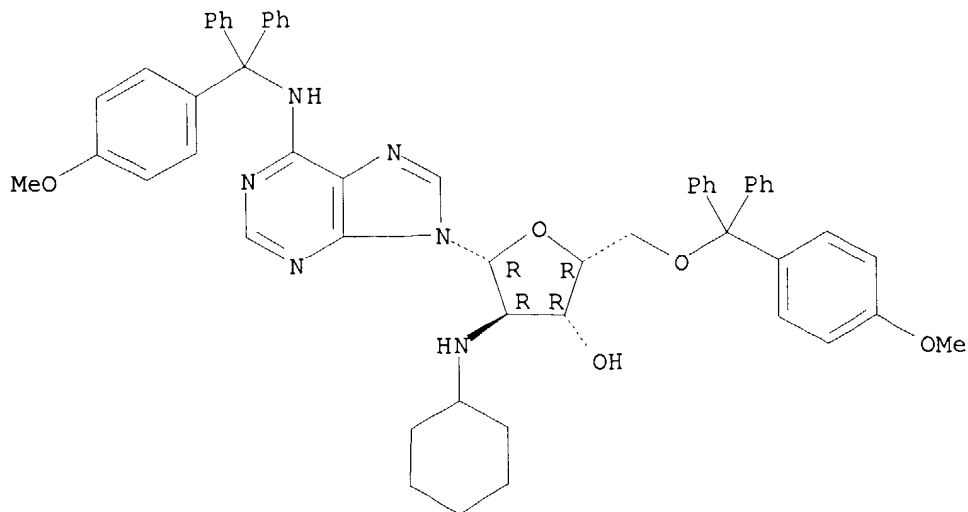


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 134934-76-2 REGISTRY
CN 9H-Purin-6-amine, 9-[2-(cyclohexylamino)-2-deoxy-5-O-[(4-methoxyphenyl)diphenylmethyl]-β-D-xylofuranosyl]-N-[(4-methoxyphenyl)diphenylmethyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C56 H56 N6 O5
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

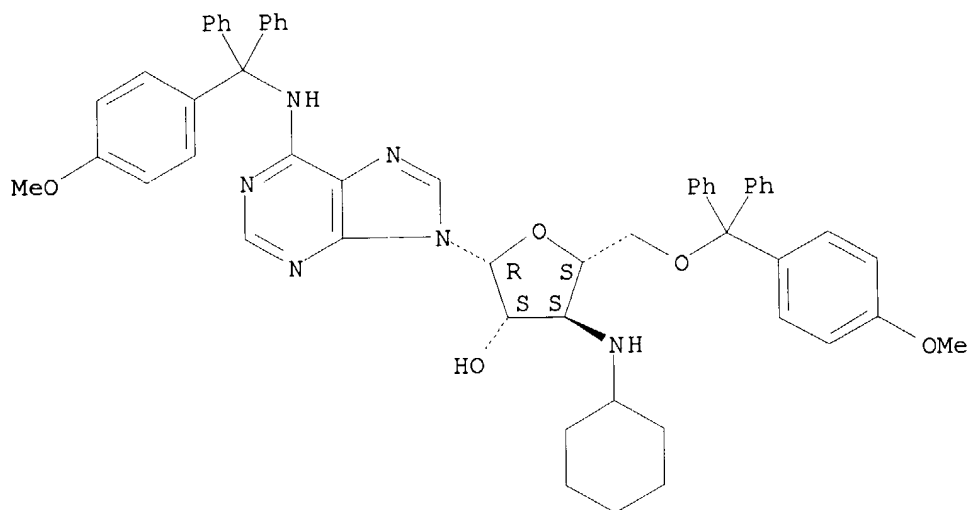


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2004 ACS on STN
RN 134934-64-8 REGISTRY
CN 9H-Purin-6-amine, 9-[3-(cyclohexylamino)-3-deoxy-5-O-[(4-methoxyphenyl)diphenylmethyl]-β-D-arabinofuranosyl]-N-[(4-methoxyphenyl)diphenylmethyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C56 H56 N6 O5
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

164.27

164.48

FILE 'CAPLUS' ENTERED AT 13:37:14 ON 18 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 18 May 2004 VOL 140 ISS 21
FILE LAST UPDATED: 17 May 2004 (20040517/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l3

L4 2 L3

=> d l4 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:603562 CAPLUS
DN 129:290395
TI A facile synthesis of N-carbamoylmethyl- α -aminobutyrolactones by the
Ugi multicomponent condensation reaction
AU Park, Soo Jung; Keum, Gyochang; Kang, Soon Bang; Koh, Hun Yeong; Kim,
Youseung; Lee, Duck Hyung
CS Biochemicals Research Center, Korea Institute of Science and Technology,
Seoul, 130-650, S. Korea
SO Tetrahedron Letters (1998), 39(39), 7109-7112
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 129:290395
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1991:464073 CAPLUS
DN 115:64073
TI Synthesis of 2'- and 3'-amino-substituted uridine, thymidine and
adenosine, and their inhibitions of HIV replication
AU Vial, J. M.; Johansson, N. G.; Vrang, L.; Chattopadhyaya, J.
CS Biomed. Cent., Univ. Uppsala, Uppsala, S-751 23, Swed.
SO Antiviral Chemistry & Chemotherapy (1990), 1(3), 183-202
CODEN: ACCHEH; ISSN: 0956-3202
DT Journal
LA English

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.44	167.92

FILE 'REGISTRY' ENTERED AT 13:39:00 ON 18 MAY 2004
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 17 MAY 2004 HIGHEST RN 682740-60-9
DICTIONARY FILE UPDATES: 17 MAY 2004 HIGHEST RN 682740-60-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more

information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

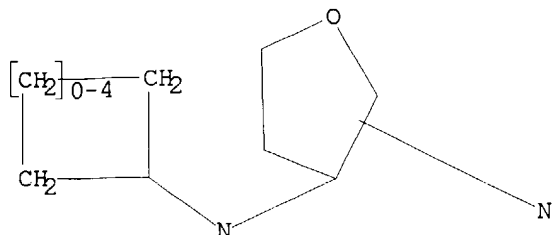
Uploading C:\STNEXP4\41.str

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 13:39:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 396 TO ITERATE

100.0% PROCESSED 396 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 6727 TO 9113

PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 ful

FULL SEARCH INITIATED 13:39:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 8017 TO ITERATE

100.0% PROCESSED 8017 ITERATIONS

7 ANSWERS

SEARCH TIME: 00.00.01

L7 7 SEA SSS FUL L5

=> d 17 1-7

L7 ANSWER 1 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN

RN 214343-05-2 REGISTRY

CN Cyclohexanecarboxamide, N-[[[4-methylphenyl)sulfonyl)methyl]-1-[[[(3S)-
tetrahydro-2-oxo-3-furanyl]amino]- (9CI) (CA INDEX NAME)

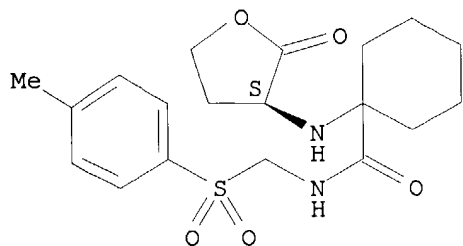
FS STEREOSEARCH

MF C19 H26 N2 O5 S

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.

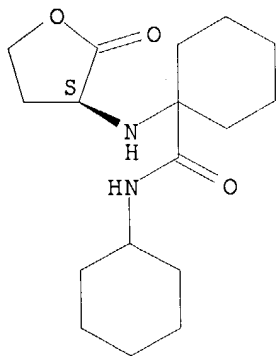


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 2 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214342-99-1 REGISTRY
CN Cyclohexanecarboxamide, N-cyclohexyl-1-[[(3S)-tetrahydro-2-oxo-3-furanyl]amino]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H28 N2 O3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

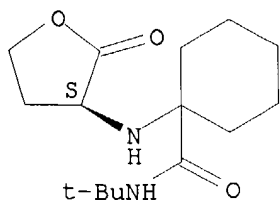


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 3 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214342-91-3 REGISTRY
CN Cyclohexanecarboxamide, N-(1,1-dimethylethyl)-1-[[(3S)-tetrahydro-2-oxo-3-furanyl]amino]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H26 N2 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.

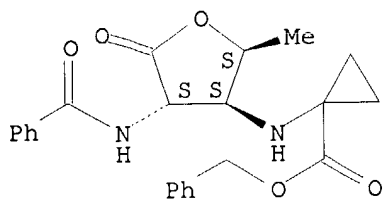


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 4 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 156125-25-6 REGISTRY
CN Cyclopropanecarboxylic acid, 1-[[4-(benzoylamino)tetrahydro-2-methyl-5-oxo-3-furanyl]amino]-, phenylmethyl ester, (2 α ,3 α ,4 β)- (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C23 H24 N2 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Relative stereochemistry.

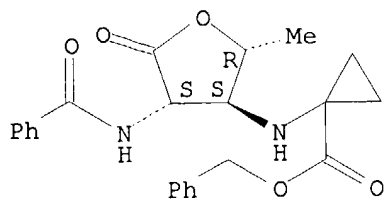


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 5 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 156125-24-5 REGISTRY
CN Cyclopropanecarboxylic acid, 1-[[4-(benzoylamino)tetrahydro-2-methyl-5-oxo-3-furanyl]amino]-, phenylmethyl ester, (2 α ,3 β ,4 α)- (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C23 H24 N2 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

Relative stereochemistry.



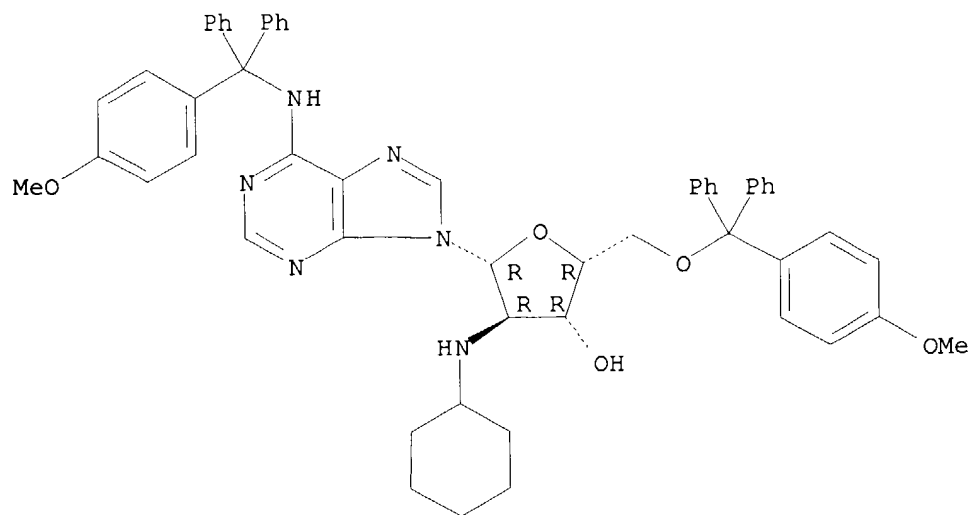
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 6 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 134934-76-2 REGISTRY
CN 9H-Purin-6-amine, 9-[2-(cyclohexylamino)-2-deoxy-5-O-[(4-methoxyphenyl)diphenylmethyl]- β -D-xylofuranosyl]-N-[(4-methoxyphenyl)diphenylmethyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C56 H56 N6 O5

SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.

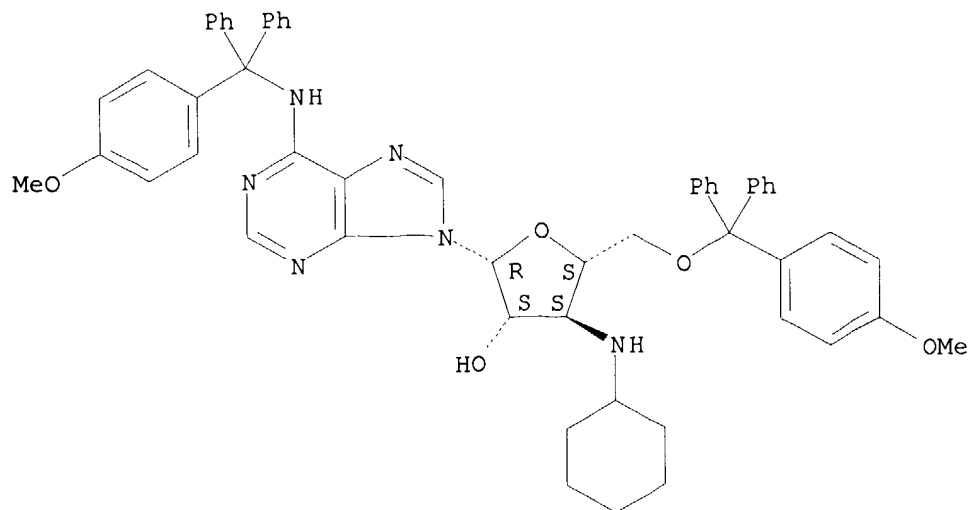


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L7 ANSWER 7 OF 7 REGISTRY COPYRIGHT 2004 ACS on STN
RN 134934-64-8 REGISTRY
CN 9H-Purin-6-amine, 9-[3-(cyclohexylamino)-3-deoxy-5-O-[(4-methoxyphenyl)diphenylmethyl]-β-D-arabinofuranosyl]-N-[(4-methoxyphenyl)diphenylmethyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C56 H56 N6 O5
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	167.81	335.73

FILE 'CAPLUS' ENTERED AT 13:39:46 ON 18 MAY 2004
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FILE COVERS 1907 - 18 May 2004 VOL 140 ISS 21
FILE LAST UPDATED: 17 May 2004 (20040517/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7
L8 3 L7

=> d l8 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:603562 CAPLUS
DN 129:290395
TI A facile synthesis of N-carbamoylmethyl- α -aminobutyrolactones by the Ugi multicomponent condensation reaction
AU Park, Soo Jung; Keum, Gyochang; Kang, Soon Bang; Koh, Hun Yeong; Kim, Youseung; Lee, Duck Hyung
CS Biochemicals Research Center, Korea Institute of Science and Technology, Seoul, 130-650, S. Korea
SO Tetrahedron Letters (1998), 39(39), 7109-7112
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 129:290395
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:482902 CAPLUS
DN 121:82902
TI Syntheses of novel 1-aminocyclopropane-1-carboxylic acid (ACC)-containing β -lactams
AU Farouz-Grant, Francine; Miller, Marvin J.
CS Dep. Chem. Biochem., Univ. Notre Dame, Notre Dame, IN, 46556, USA
SO Bioorganic & Medicinal Chemistry Letters (1993), 3(11), 2423-8
CODEN: BMCLE8; ISSN: 0960-894X

DT Journal
LA English

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1991:464073 CAPLUS

DN 115:64073

TI Synthesis of 2'- and 3'-amino-substituted uridine, thymidine and
adenosine, and their inhibitions of HIV replication

AU Vial, J. M.; Johansson, N. G.; Vrang, L.; Chattopadhyaya, J.

CS Biomed. Cent., Univ. Uppsala, Uppsala, S-751 23, Swed.

SO Antiviral Chemistry & Chemotherapy (1990), 1(3), 183-202

CODEN: ACCHEH; ISSN: 0956-3202

DT Journal

LA English